

FIG. 2A  
(PRIOR ART)

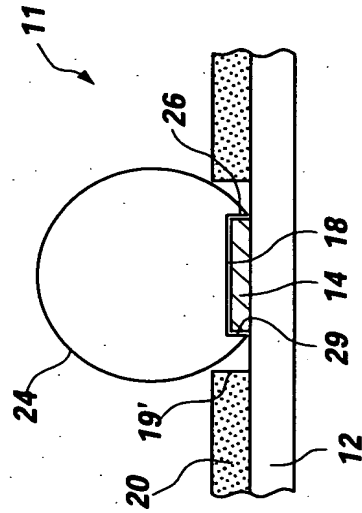


FIG. 2B  
(PRIOR ART)

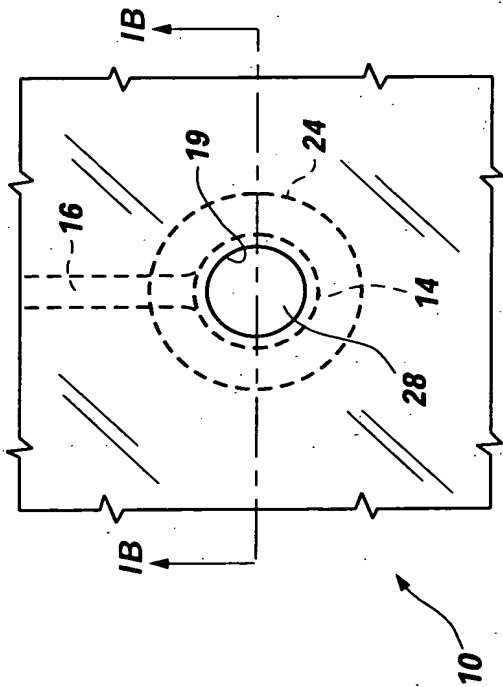


FIG. 1A  
(PRIOR ART)

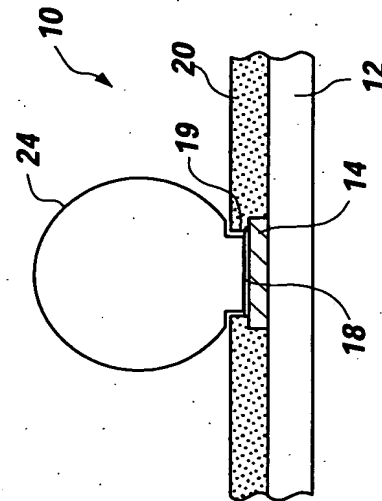
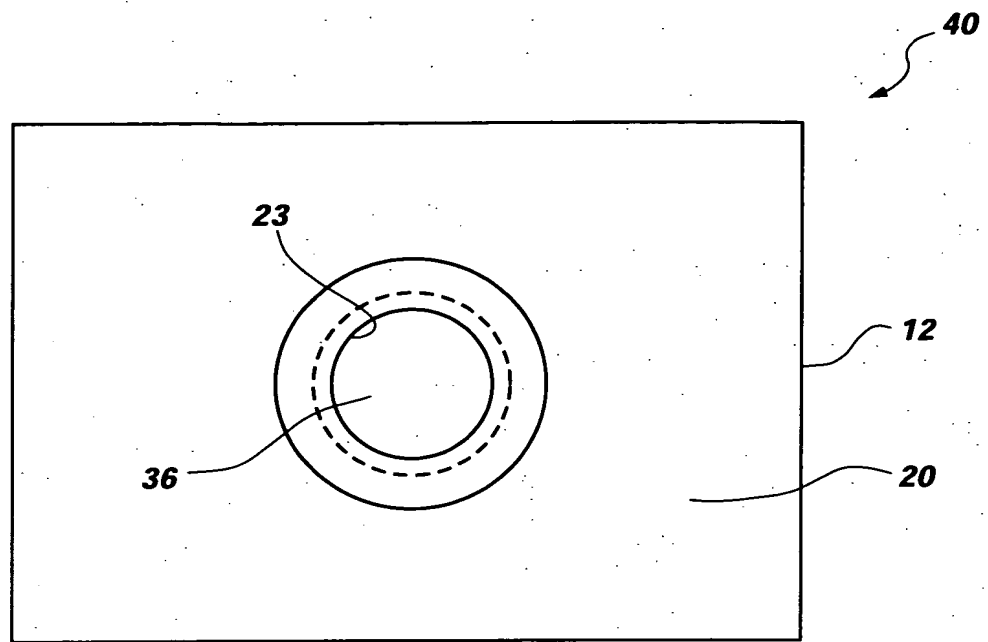
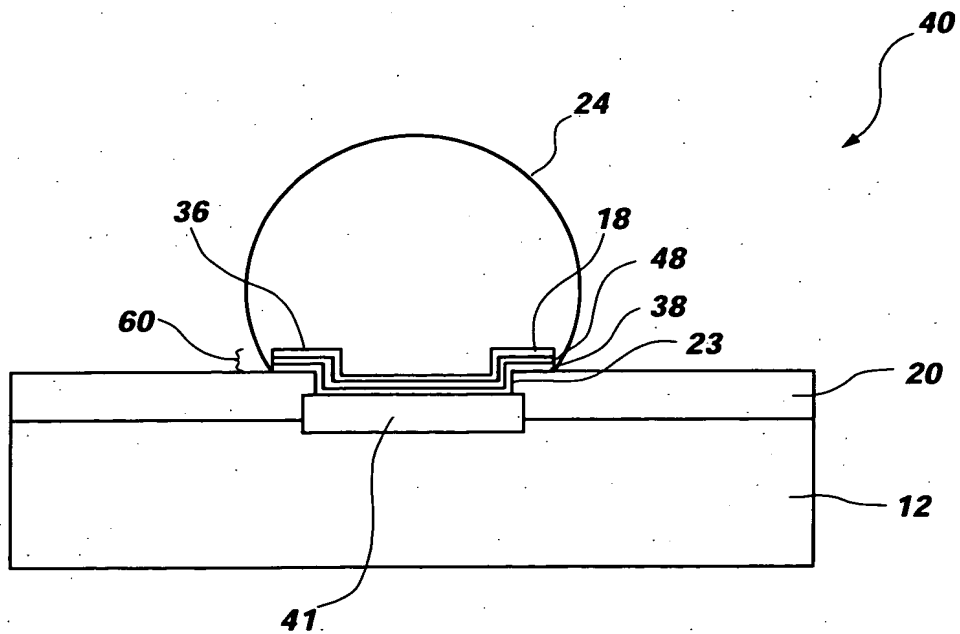


FIG. 1B  
(PRIOR ART)

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**FIG. 3A**



**FIG. 3B**

INNOVATIVE SOLDER BALL PAD STRUCTURE TO EASE  
DESIGN RULE, METHODS OF FABRICATING SAME,....

Inventor: Teck Kheng Lee

Filed: March 12, 2004

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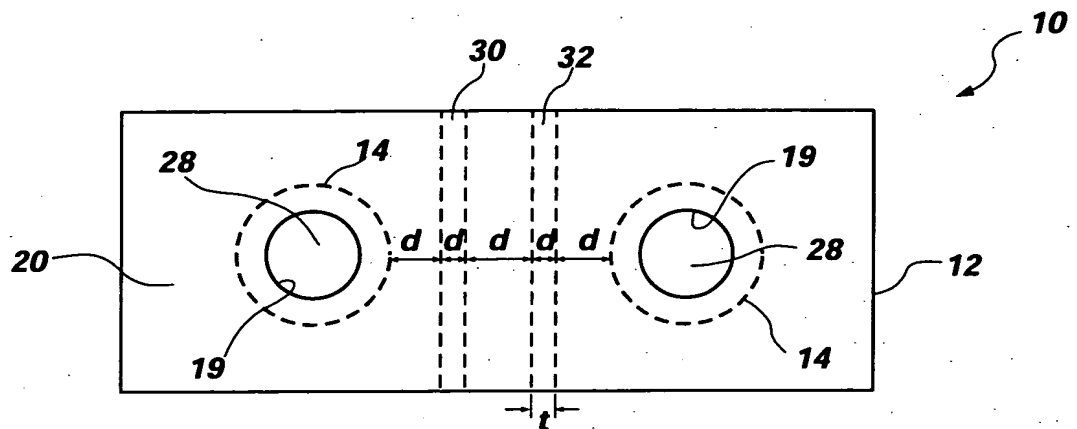


FIG. 4A

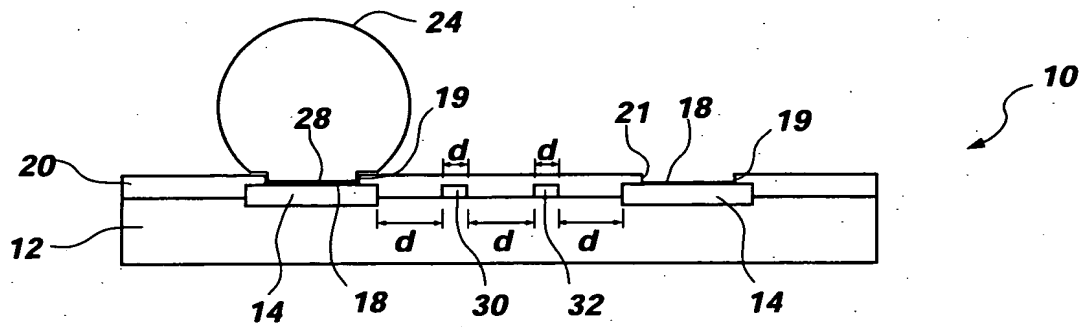


FIG. 4B

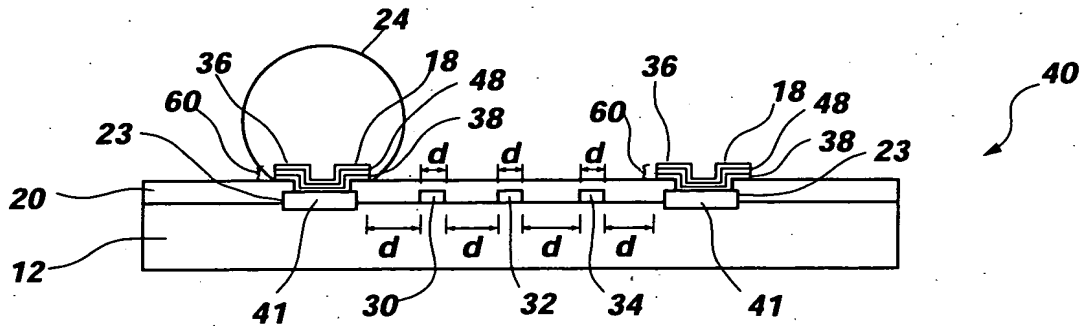


FIG. 5B

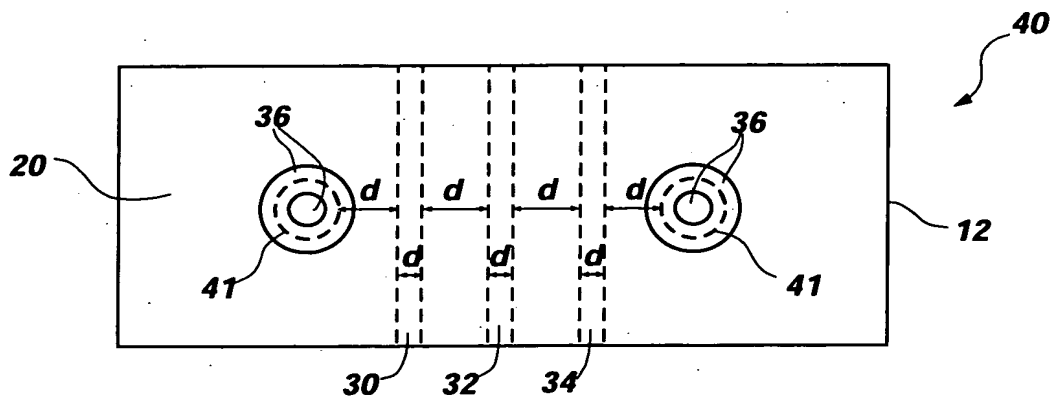


FIG. 5A

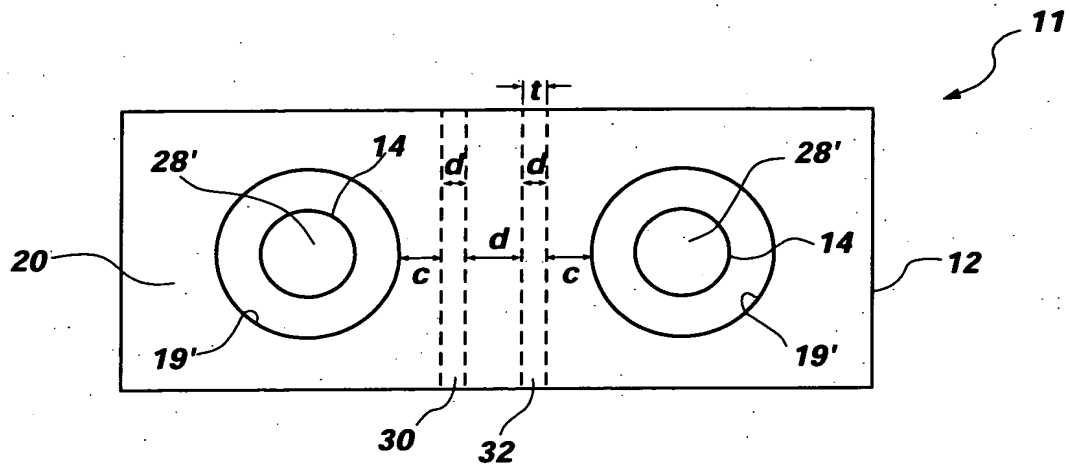
INNOVATIVE SOLDER BALL PAD STRUCTURE TO EASE  
DESIGN RULE, METHODS OF FABRICATING SAME,....

Inventor: Teck Kheng Lee

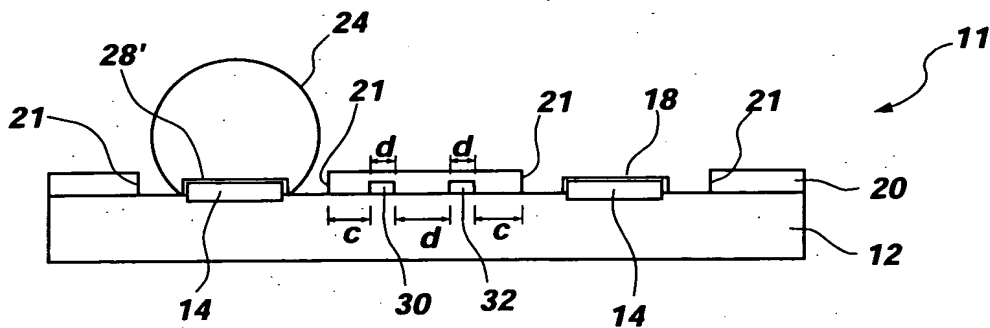
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Attorney Docket No. 5351.1US

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**FIG. 6A**



**FIG. 6B**

INNOVATIVE SOLDER BALL PAD STRUCTURE TO EASE  
DESIGN RULE, METHODS OF FABRICATING SAME,.....

Inventor: Teck Kheng Lee

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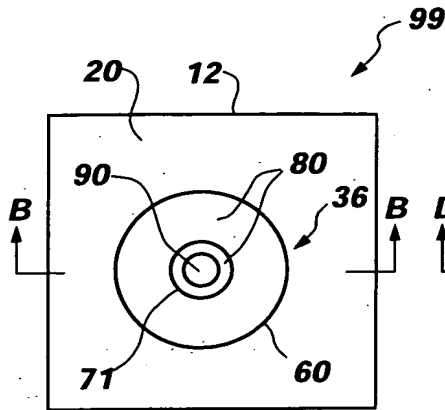


FIG. 7A

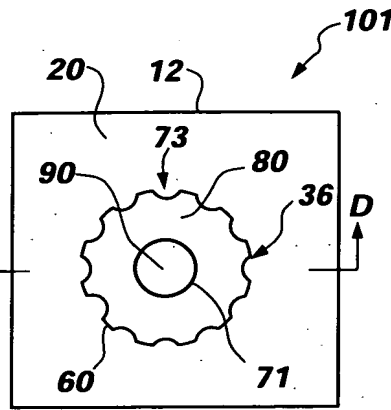


FIG. 7C

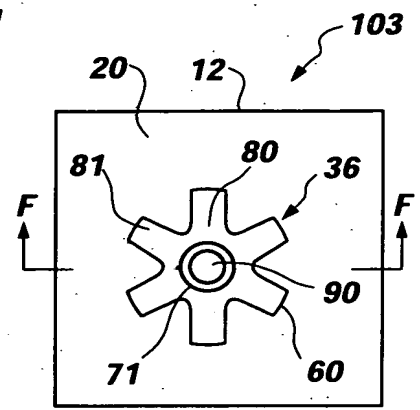


FIG. 7E

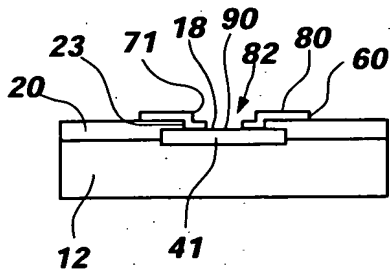


FIG. 7B

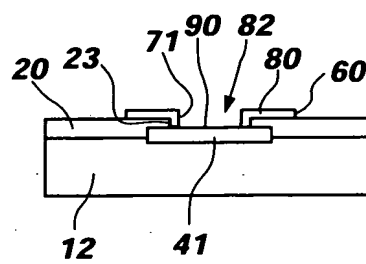


FIG. 7D

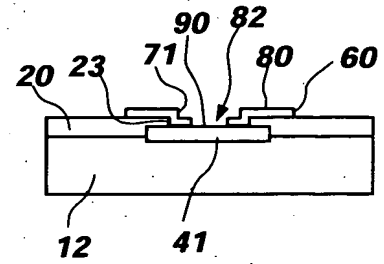


FIG. 7F

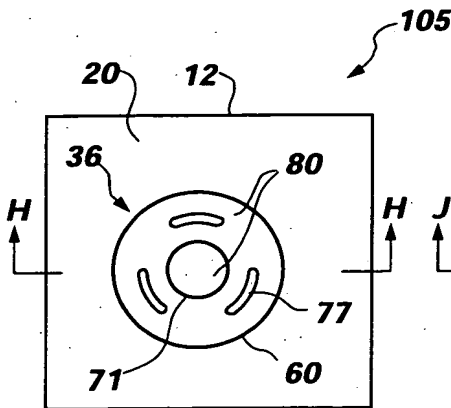


FIG. 7G

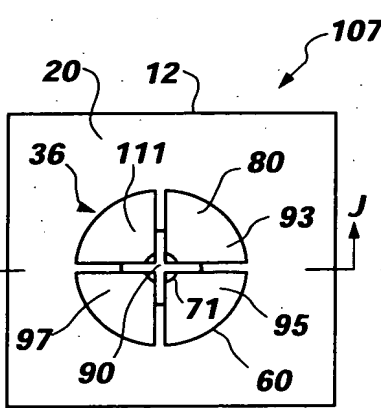


FIG. 7I

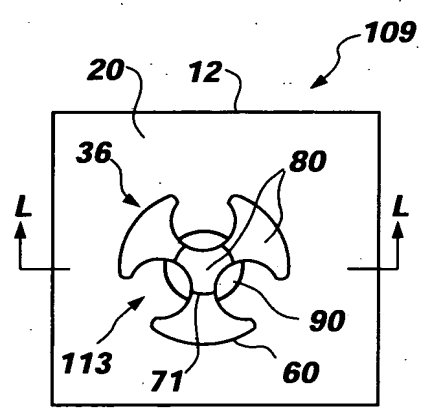


FIG. 7K

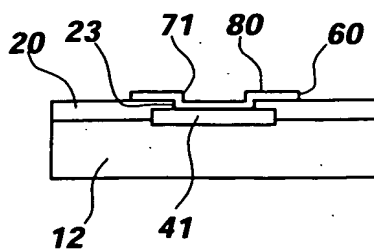


FIG. 7H

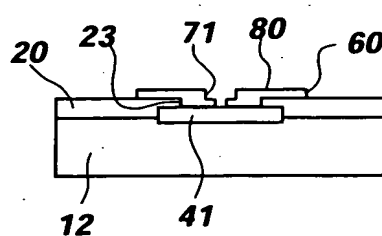


FIG. 7J

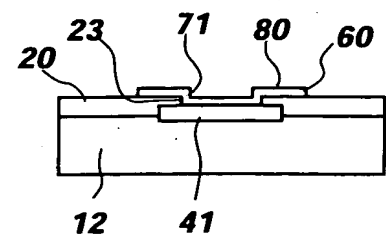


FIG. 7L

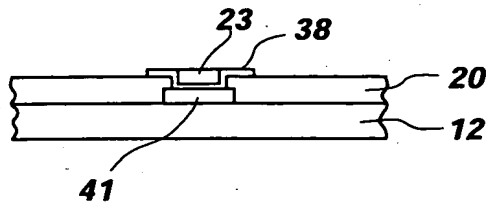
INNOVATIVE SOLDER BALL PAD STRUCTURE TO EASE  
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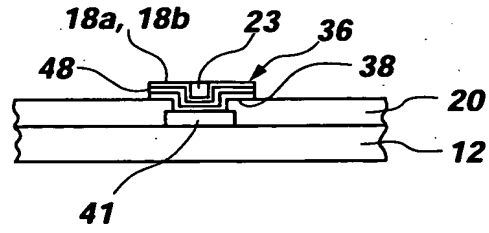
Filed: March 12, 2004

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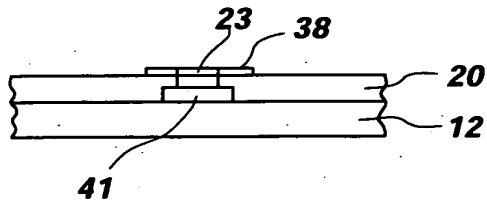
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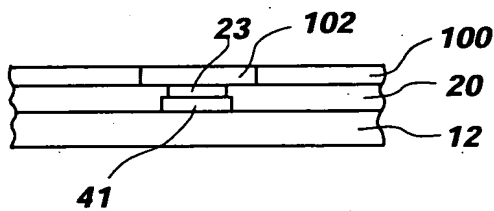
**FIG. 8A**



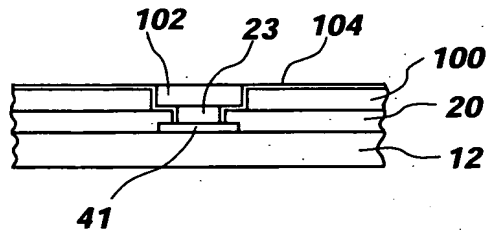
**FIG. 8B**



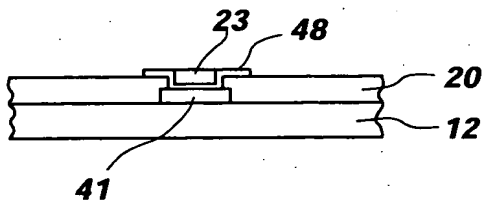
**FIG. 9**



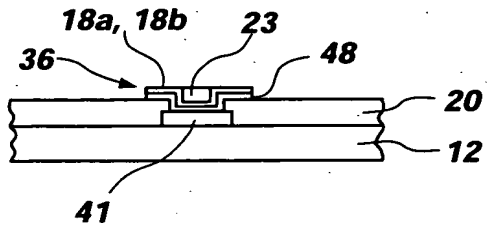
**FIG. 10A**



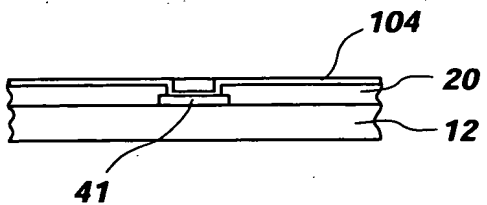
**FIG. 10B**



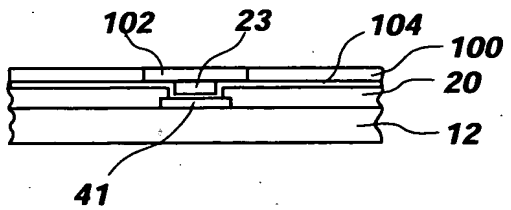
**FIG. 10C**



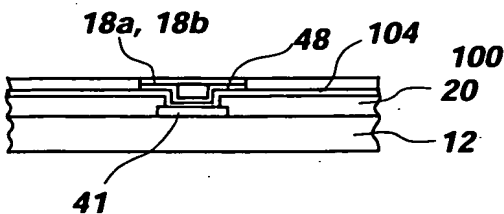
**FIG. 10D**



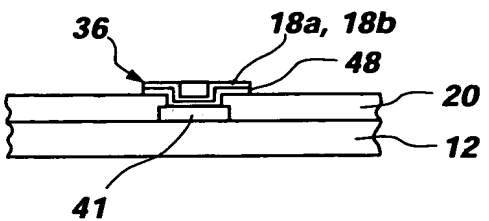
**FIG. 11A**



**FIG. 11b**



**FIG. 11C**



**FIG. 11D**